

CLAIMS

What is claimed is:

1. A method for improved delivery of content by a communications device to a requesting computer connected to a communications network comprising the steps of:
 - receiving, from the requesting computer, a request for content and a plurality of content preferences;
 - receiving a content stream representing the content;
 - grouping components within the content stream based upon at least one of the plurality of content preferences;
 - reordering the component groups within the content stream based upon at least one of the plurality of content preferences; and
 - sending, to the requesting computer, the reordered content stream representing the requested content.
2. The method of Claim 1 wherein at least one of the component groups is compressed.
3. The method of Claim 1 wherein the content stream is an HTML content stream.
4. The method of Claim 1 wherein the content stream is an XML content stream.
5. The method of Claim 1 further comprises the step of filtering out content from the content stream based upon at least one of the plurality of content preferences.

6. The method of Claim 1 wherein the communications device is connected to the communications network using a DSL, analog, cable, wireless or power line modem.
7. An apparatus for improved delivery of content by a communications device to a requesting computer connected to a communications network comprising:
 - a communications device receiving a request for content and a plurality of content preferences from a requesting computer and a content stream representing the content;
 - a first logic unit executing on the communications device grouping components within the content stream based upon at least one of the plurality of content preferences;
 - a second logic unit executing on the communications device reordering the component groups within the content stream based upon at least one of the plurality of content preferences; and
 - a transmission unit executing on the communications device sending the reordered content stream to the requesting computer.
8. The apparatus of Claim 7 wherein at least one of the component groups is compressed.
9. The apparatus of Claim 7 wherein the content stream is an HTML content stream.
10. The apparatus of Claim 7 wherein the content stream is an XML content stream.
11. The apparatus of Claim 7 further comprising a filter filtering out content from the content stream based upon at least one of the plurality of content preferences.

12. The apparatus of Claim 7 wherein the communications device is connected to the communications network using a DSL, analog, cable, wireless or power line modem.
13. An apparatus for improved delivery of content by a communications device to a requesting computer connected to a communications network comprising:
- 5 a means for receiving, from the requesting computer, a request for content and a plurality of content preferences;
- a means for receiving a content stream representing the content;
- a means for grouping components within the content stream based upon
- 10 at least one of the plurality of content preferences;
- a means for reordering the component groups within the content stream based upon at least one of the plurality of content preferences; and
- a means for sending, to the requesting computer, the reordered content stream.
14. A computer program product comprising:
- 15 a computer usable medium for providing improved delivery of content by a communications device to a requesting computer connected to a communications network; and
- a set of computer program instructions embodied on the computer usable
- 20 medium, including instructions to:
- receive, from the requesting computer, a request for content and a plurality of content preferences;
- receive a content stream representing the content;
- group components within the content stream based upon at least
- 25 one of the plurality of content preferences;
- reorder the component groups within the content stream based upon at least one of the plurality of content preferences; and

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send, to the requesting computer, the reordered content stream.

15. A computer data signal embodied in a carrier wave comprising a code segment for providing improved delivery of content by a communications device to a requesting computer connected to a communications network; and

5 a set of computer program instructions embodied on the computer data signal, including instructions to:

receive, from the requesting computer, a request for content and a plurality of content preferences;

receive a content stream representing the content;

10 group components within the content stream based upon at least one of the plurality of content preferences;

reorder the component groups within the content stream based upon at least one of the plurality of content preferences; and

send, to the requesting computer, the reordered content stream.

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